

EVALUATION OF IRRADIATED FOODS AND OTHER ITEMS WITH TELEMETRIC DOSIMETERS AND ASSOCIATED METHODS

Abstract of the Disclosure

Methods for quantifying the irradiation dose received by an item or items, such as food items and medical items, undergoing irradiation-based sterilization, includes the steps of monitoring a selected electronic parameter associated with an economic single use sensor positioned adjacent the item or items and telemetrically relaying data associated with the monitored electronic parameter to a computer. The computer includes a computer program which is configured to determine the radiation dose received by the item or items by correlating the value of the monitored electronic parameter to a corresponding amount of radiation associated with the value. Related sensors and systems are also described.